

Title (en)

A PHASE DIFFERENCE FILM COMPRISING POLYMER FILM HAVING ULTRAVIOLET CURABLE RESIN COMPOSITION FOR ALIGNMENT FILM AND LIQUID CRYSTALLINE COMPOUND

Title (de)

PHASENDIFFERENZFILM MIT EINEM POLYMERFILM MIT ULTRAVIOLETT AUSHÄRTBARER HARZZUSAMMENSETZUNG FÜR EINEN AUSRICHTUNGSFILM UND FLÜSSIGKRISTALLINE ZUSAMMENSETZUNG

Title (fr)

FILM A DEPHASAGE CONTENANT UN FILM POLYMERE D'UNE COMPOSITION DE RESINE DURCIE PAR ULTRAVIOLETS DESTINEE A UN FILM D'ALIGNEMENT ET COMPOSE CRITALLIN LIQUIDE

Publication

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Application

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Priority

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- JP 2001049696 A 20010226
- JP 2001123871 A 20010423
- JP 2001123931 A 20010423

Abstract (en)

[origin: EP1372004A1] (1) There are provided a UV-curable resin composition for alignment film and an alignment film which is prepared by curing the composition with UV rays. (2) The migration of a material which is present in a polymer film and capable of affecting the optical properties of a liquid crystalline compound layer to the liquid crystalline compound layer is controlled or blocked. (1) A UV-curable resin composition for alignment film comprising at least one (meth)acrylate compound having one or more polar groups and one or more (meth)acryloyl groups in the molecule and a photoinitiator; and an alignment film which is prepared by curing the composition with UV rays. (2) A protective layer inserted between a polymer film and a liquid crystalline compound layer for controlling or blocking the migration of a material, which is present in a polymer film and capable of affecting the optical properties of the liquid crystalline compound layer, to the liquid crystalline compound layer.

IPC 8 full level

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CPC (source: EP KR US)

C08J 5/18 (2013.01 - KR); **G02B 5/3016** (2013.01 - EP US); **G02B 5/3083** (2013.01 - EP US); **G02F 1/133711** (2013.01 - EP US); **C09K 2323/00** (2020.08 - EP US); **C09K 2323/02** (2020.08 - EP US); **C09K 2323/05** (2020.08 - EP US); **C09K 2323/059** (2020.08 - EP US); **C09K 2323/06** (2020.08 - EP US); **Y10T 428/3188** (2015.04 - EP US); **Y10T 428/31928** (2015.04 - EP US)

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